PCT

REQUEST

For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Off	ice and "PCT Inte	rnational Application"		
	Applicant's or agent's (if desired) (12 characte	file reference ers maximum) J	PP184		
Box No. I TITLE OF INVENTION BACTERIAL SPORES					
Box No. II APPLICANT This perso	n is also inventor		-		
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this	Telephone No.			
ROYAL HOLLOWAY UNIVERSITY OF LON Egham	NDON	Facsimile No.			
Surrey TW20 0EX	Teleprinter No.				
United Kingdom (GB)	Applicant's regis	stration No. with the Office			
State (that is, country) of nationality: United Kingdom (GB)	State (that is, country) United Kingdo				
This person is applicant all designated for the purposes of:	d States except tates of America	the United States of America only	the States indicated in the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) CUTTING, Simon Michael School of Biological Sciences Royal Holloway University of London Egham Surrey TW20 0EX This person is: applicant only inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Official designation. This person is:					
United Kingdom (GB) State (that is, country) of nationality:	State (that is, country)	-6id			
United Kingdom (GB)	United Kingdo				
This person is applicant all designated all designate for the purposes of:	d States except tates of America	the United States of America only	the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated on a continuation sheet.					
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE					
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	on behalf as:	agent	common representative		
Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country.) BARKER BRETTELL Telephone No. 44 (0)20 8392 2234					
10-12 Priests Bridge	Facsimile No. 44 (0)20 8392 1858				
London SW15 5JE	Teleprinter No.				
United Kingdom (GB)	Agent's registration No. with the Office				
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	no agent or common rep which correspondence s	resentative is/has hould be sent.	been appointed and the		

The following designations are hereby made under Rule 4.9(a): Regional Patent S. Ap ARIPO Patent: GH Ghana, GM Gambia, KE Keaya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harrare Protocol and of the PCT (fother kind of protection or reatment desired, specify on dotted line). EA Eurosian Patent: AM Armenia, AZ Azerbaijan, BY Belanus, KG Kytgysystan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Pederation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent: AC Austria, BE Bedgium, BG Bulgaria, CH & LJ Switzerland, and Liechtenstein, CV Cyprus, CZ Czech Republic DE Gormany, DK Demark, EE Estenia, BS Spain, Fl Finland, FR France, GB United Kingdom, GR Greece, Ir Ireland, IT Taily, LU Lausenbourg, MC Monaso, NI, Netherlands, FT Fortugal, SE Sweden, SI Sloveria, SK Slovakia, TR Turksy, and any other State which is a Contracting State of the European Patent Convention and of the PCT Tracent: BF Burkina Faso, BJ Bennia, PC Eentral African Republic, GC Grongo, CI Cofe of Vorier, CM Cameroon, GA Gabon, ON Guinea, GQ Equatorial Guinea, CW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TO Togo, and any other State which is a member State of OAP 1 and a Contracting State of the PCT (Fother kind of protection or reatment desired, specify on dotted line): MAE A United Arab Eminates MC GM Gambia AL Albania ML Hall To Guine kind of protection or reatment desired, specify on dotted line): MAE A Authoria and Barbuda MAI Armenia MAI	Bo	x No	. V	DESIGNATION OF STATES		Mark the applicable check-boxes below	; at lea	ast one must be marked.
Regional Patent A RIPO Patent: CH Ghana GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (f) other kind of protection or treatment desired, specify on datred line; E E Eurasian Patent: AM Armenia, AZ Azerbajaa, BY Belarus, KG Kyrgyzatan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, Th Turkmenian, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT O AD OPI Patent: E F Burnia Faso, BJ Benin, C PC Central African Republic, CG Congo, Cl Cide of Voire, CM Cameroon, GA Gabon, GN Gunea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad. To Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (f) other kind of protection or recatment desired, specify on dotted line): A E United Arab Emiraces A Confidence of Contracting Contracting Contracting State of the PCT (f) other kind of protection or recatment desired, specify on dotted line): A A United Arab Emiraces A Confidence of Contracting Contracting Contracting State of the PCT (f) other kind of protection or recatment desired, specify on dotted line): A A United Arab Emiraces A Contracting Contracting Contracting Contracting Contracting State of the PCT (f) other kind of protection or recatment desired, specify on dotted line): A Contracting Co	Th	e foil	owir	ng designations are hereby made u	nder	Rule 4.9(a):		
						(-).		
RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EV Propean Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Licchtenstein, CY Cypus, CZ Czech Republic, DE Germany, DK Demank, EF Estonia, BS Spain, FI Filand, FR France, GB United Kingdom, CR Greece, IE Ireland, TI Taly, LU Luxembourg, MC Monaco, NL Neherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT OA OAPI Patent: BF Burkins Fass, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivorie, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of protection or reatment desired, specify on dotted line). National Patent (If other kind of pr		_	A F SL Sta	RIPO Patent: GH Ghana, GN Sierra Leone, SZ Swaziland, TZ ate which is a Contracting State of	Unit of the	ed Republic of Tanzania, UG Uganda, 7 e Harare Protocol and of the PCT (if of	ZM Za her ki	ambia, ZW Zimbabwe, and any other and of protection or treatment desired,
Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT laly, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT MO O API Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, GG Congo, CI Göte d'Ivoire, CM Cameroon, GA Gabon, GN Guinen, GQ Equatorial Guinea, GW Guinea-Bissau, ML Malti, MR Mauritania Ne Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line). National Patent (if other kind of protection or treatment desired, specify on dotted line). AL Albania	X	EA	RU	J Russian Federation, TJ Tajikista	Z Aze an, T	rbaijan, BY Belarus, KG Kyrgyzstan, F M Turkmenistan, and any other State w	KZ Ka /hich i	zakhstan, MD Republic of Moldova, is a Contracting State of the Eurasian
GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) National Patent (if other kind of protection or treatment desired, specify on dotted line) National Patent (if other kind of protection or treatment desired, specify on dotted line) AC Antigua and Barbuda	X	EP	Re I E	public, DE Germany, DK Denma Ireland, IT Italy, LU Luxembour	ırk, E g, M	EE Estonia, ES Spain, FI Finland, FR C Monaco, NL Netherlands, PT Portug	France al, SE	e, GB United Kingdom, GR Greece, E Sweden, SI Slovenia, SK Slovakia,
AE United Arab Emirates	X	OA	GA TE	A Gabon, GN Guinea, GQ Equato O Chad, TG Togo, and any other S	orial tate	Guinea, GW Guinea-Bissau, ML Mali which is a member State of OAPI and a	, MR Conti	Mauritania, NE Niger, SN Senegal, racting State of the PCT (if other kind
May AG Antigua and Barbuda	N:	ation	al P	atent (if other kind of protection of	or tre	eatment desired, specify on dotted line):		
AL Albania	X	ΑE	Unit					
X								
AT Austria	X	AL	Alba	ania	🛛 н			
AU Australia							🔀 Pl	L Poland
XX BA Bosnia and Herzegovina XX BK Kenya XX SC Seychelles XX BB Barbados XX KE Kenya XX SC Seychelles XX BR Brazil XX KF Democratic People's Republic XX SC Sweden XX BR Brazil XX KR Permocratic People's Republic of Korea XX SC Sweden XX BZ Belarus of Korea XX SK Slovakia XX CA Canada XX KR Republic of Korea XX SK Slovakia XX CA Canada XX LC Xazakhstan XX SL Sierra Leone XX CA Chada XX LC Xazakhstan XX IT Try Trjikistan XX CA China XX LC Xazakhstan XX TN Turkmenistan XX CA China XX LX Lasakatan XX TN Turkmenistan XX CA Colombia XX LX Lasakatan XX TN Turkmenistan XX CY Cuba XX LX Lusteria XX TN Turkmenistan <								
BB B B B B B B B B B B B B B B B B B B								U Russian Federation
XI BG Bulgaria XI KG Kyrgyzstan XI SD Sudan XI BR Brazil XI KP Democratic People's Republic XI SE Sweden XI BY Belarus of Korea XI SS Singapore XI BR Brazil XI KR Republic of Korea XI SK Slovakia XI CA Canada XI KZ Kazakhstan XI SL Sierra Leone XI CH & LI Switzerland and Liechtenstein XI LC Saint Lucia XI TM Turkmenistan XI CO Colombia XI LK Sri Lanka XI TM Turkmenistan XI CO Colombia XI LK Liestan XI TN Turistan XI CU Uba LK Liestan XI LT Lithuania XI TZ United Republic of Tanzania <tr< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr<>								
X BR Brazil X KP Democratic People's Republic of Korea X SE SG Singapore X BY Belarus of Korea X SG Singapore X BZ Belize X KR Republic of Korea X SK Slovakia X CA Canada X KZ Kazakhstan X SL Sierra Leone X CH & LI Switzerland and Liechtenstein X LC Saint Lucia X TJ Tajikistan X CO Colombia X LK Sri Lanka X TM Turkmenistan X CR Costa Rica X LS Lesotho X TR Turkey X CU Cuba X LU Luxembourg X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark X MA Morocco X UA Ukraine X DM Dominica X MA Morocco X US United Republic of America X DZ Algeria X US United States of America X EE Estonia M MG Madagascar X US Uzbekistan X EE Spain MK The former Yugoslav Republic of Spain Y C Saint Vincent and the Grenadines X FI Finland X MN Monogolia Y V Vict Nam X GB Gorgia X MZ Mozambique X ZM Zambia X GE Georgia X MZ Mozambique X ZM Zambia X GE Georgia X MZ Mozambique X ZM Zambia X GH Ghana X NO Norway X ZM Zambia X CH Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:	X	BB	Barb	pados	XI K	E Kenya	X S	C Seychelles
X BY Belarus of Korea X SG Singapore X BZ Belize X KR Republic of Korea X SK Slovakia X CA Canada X KZ Kazakhstan X SL Sierra Leone X CH & LI Switzerland and Liechtenstein X LC Saint Lucia X TJ Tajikistan X CN China X LK Sri Lanka X TM Turkennistan X CO Colombia X LK Sri Lanka X TN Tunisia X CO Cotador X LK Liberia X TN Tunisia X CR Casta Rica X LK Liberia X TN Tunisia X CR Casta Rica X LK Lt Lituania X TN Tunisia X CZ Czech Republic X </th <th>X</th> <th>BG</th> <th>Bulg</th> <th>garia</th> <th>XI K</th> <th>G Kyrgyzstan</th> <th></th> <th></th>	X	BG	Bulg	garia	XI K	G Kyrgyzstan		
KR Belize KR Republic of Korea KS Slovakia KZ CA Canada KZ Kazakhstan KZ Sierra Leone KZ CN China KZ LC Saint Lucia TJ Tajkistan KZ CO Colombia KZ LK Sri Lanka TM Turkmenistan KZ CO Colombia KZ LK Sri Lanka TN Tunisia KZ CO Costa Rica KZ LS Lesotho TR Turkey KZ CU Cuba KZ LT Lithuania TT Trinidad and Tobago KZ CZ Czech Republic LU Luxembourg KZ DE Germany LU Luxembourg KZ DE DE Germany KZ MA Morocco KZ UG Uganda KZ DZ Algeria MR Morocco KZ UG Uganda KZ DZ Algeria MR Madagascar KZ EZ Ecuador MK The former Yugoslav Republic of Moldova MZ UZ Uzbekistan KZ ES Spain Macedonia MZ VC Saint Vincent and the Grenadines KZ FI Finland MM Mongolia MY V Viet Nam KZ GB United Kingdom MX Mexico MZ ZA South Africa KZ GE Georgia MZ MC Mozambique MZ ZA South Africa KZ GE Georgia MZ Mozambique MZ ZA Suith Africa KZ GH Ghana MZ Mozambique MZ ZA Suith Africa Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:						P Democratic People's Republic		
X CA Canada X KZ Kazakhstan X SL Sierra Leone X CH & LI Switzerland and Liechtenstein X LC Saint Lucia X TJ Tajikistan X CN China X LK Sri Lanka X TM Turkmenistan X CO Colombia X LR Liberia X TN Tunisia X CR Costa Rica X LS Lesotho X TR Turkey X CU Cuba X LT Lithuania X TT Trinidad and Tobago X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark X MA Morocco X UA Ukraine X DZ Algeria X DR Republic of Moldova X UG Uganda X DZ Algeria X MG Madagascar X EE Estonia X MK The former Yugoslav Republic of Macedonia X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Vict Nam X GB United Kingdom X MWMatawi X YU Yugoslavia X GB Georgia X MX Mexico X ZA South Africa X GB Georgia X MZ Mozambique X ZM Zambia X GB Georgia X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □								
X CH & LI Switzerland and Liechtenstein X LC Saint Lucia X TJ Tajikistan X CN China X LK Sri Lanka X TM Turkmenistan X CO Colombia X LR Liberia X TN Tunisia X CR Costa Rica X LS Lesotho X TR Turkey X CU Cuba X LT Lithuania X TT Trinidad and Tobago X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark M MA Morocco X UA Ukraine X DZ Algeria W US United States of America X EE Estonia M KTM former Yugoslav Republic of X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Vict Nam X GB United Kingdom X MN Mongolia X VN Vict Nam X GB Georgia X MZ Mozambique X ZA South Africa X GE Georgia X MZ Mozambique X ZM Zambia X GH Ghana X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:								
X CN China X LK Sri Lanka X TM Turkmenistan X CO Colombia X LR Liberia X TN Tunisia X CR Costa Rica X LS Lesotho X TR Turkey X CU Cuba X LT Lithuania X TT Trinidad and Tobago X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark X MA Morocco X UG Uganda Y DZ Algeria Y US United States of America X EC Ecuador X MG Madagascar X EE Estonia X MK The former Yugoslav Republic of X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Viet Nam X GB United Kingdom X MWMalawi X YU Yugoslavia X GE Georgia M Z Mozambique X ZM Zambia X GF Georgia M Z Mozambique X ZM Zambia X GH Ghana X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:								
X CO Colombia X LR Liberia X TN Tunisia X CR Costa Rica X LS Lesotho X TR Turkey X CU Cuba X LT Lithuania X TT Trinidad and Tobago X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark X MA Morocco X UG Uganda X DJ Algeria Y US United States of America X EC Ecuador X MG Madagascar X EE Estonia X MK The former Yugoslav Republic of X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Viet Nam X GB United Kingdom X MWMalawi X YU Yugoslavia X GE Georgia M Z Mozambique X ZM Zambia X GF Georgia M Z Mozambique X ZM Zambia Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:								
X CR Costa Rica X LS Lesotho X TR Turkey X CU Cuba X LT Lithuania X TT Trinidad and Tobago X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark M M Morocco X UA Ukraine X DM Dominica M MD Republic of Moldova X UG Uganda X DZ Algeria US United States of America X EC Ecuador M M Madagascar X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland M M Mongolia X VN Vict Nam X GB United Kingdom M MWMalawi X YU Yugoslavia X GD Grenada M M Mexico X A South Africa X GD Georgia M M M Mozambique X ZM Zambia X GH Ghana NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □ □ □ □ □ □								
X CU Cuba X LT Lithuania X TT Trinidad and Tobago X CZ Czech Republic X LV Latvia X TZ United Republic of Tanzania X DK Denmark MA Morocco X UA Ukraine X DZ Algeria W US United States of America X EC Ecuador M M MG Madagascar X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland M M Mongolia Y V Vict Nam X GB United Kingdom M M Mexico X YU Yugoslavia X GD Grenada M M Mexico X ZA South Africa X GF Georgia M M Mozambique X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □ □ □ □								
X CZ Czech Republic X LU Luxembourg X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark M MA Morocco X UA Ukraine X DM Dominica M MD Republic of Moldova Y UG Uganda X DZ Algeria Y US United States of America X EC Ecuador M MG Madagascar X ES Spain Macedonia Y UZ Uzbekistan X FI Finland M MN Mongolia Y VC Saint Vincent and the Grenadines X FI Finland M MN Mongolia Y V Viet Nam X GB United Kingdom M MWMalawi Y U Yugoslavia X GE Georgia M MZ Mozambique X ZM Zambia X GH Ghana NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:	_							
X DE Germany X LV Latvia X TZ United Republic of Tanzania X DK Denmark X MA Morocco X UA Ukraine X DM Dominica MD Republic of Moldova X UG Uganda X DZ Algeria US United States of America X EC Ecuador MK The former Yugoslav Republic of Macedonia X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland MN Mongolia X VN Vict Nam X GB United Kingdom MWMalawi X VU Yugoslavia X GE Georgia MX Mexico X ZM South Africa X GF Georgia MZ Mozambique X ZM Zambia X GH Ghana NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:							X T	Trinidad and Tobago
☑ DK Denmark ☑ MA Morocco ☑ UA Ukraine ☑ DM Dominica ☑ MD Republic of Moldova ☑ UG Uganda ☑ DZ Algeria ☑ US United States of America ☑ EC Ecuador ☑ MK The former Yugoslav Republic of Macedonia ☑ UZ Uzbekistan ☑ ES Spain Macedonia ☑ VC Saint Vincent and the Grenadines ☑ FI Finland ☑ MN Mongolia ☑ VN Vict Nam ☑ GB United Kingdom ☑ MWMalawi ☑ YU Yugoslavia ☑ GE Georgia ☑ MZ Mozambique ☑ ZM Zambia ☑ GH Ghana ☑ NO Norway ☑ ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □							-	
☑ DM Dominica ☑ MD Republic of Moldova ☑ UG Uganda ☑ DZ Algeria ☑ US United States of America ☑ EC Ecuador ☑ MK The former Yugoslav Republic of ☑ UZ Uzbekistan ☑ ES Spain Macedonia ☑ VC Saint Vincent and the Grenadines ☑ FI Finland ☑ MN Mongolia ☑ VN Viet Nam ☑ GB United Kingdom ☑ MWMalawi ☑ YU Yugoslavia ☑ GE Georgia ☑ MX Mexico ☑ ZA South Africa ☑ GE Georgia ☑ MZ Mozambique ☑ ZM Zambia ☑ GH Ghana ☑ NO Norway ☑ ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □								
X DZ Algeria X MG Madagascar X EC Ecuador X MK The former Yugoslav Republic of Es Spain X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Viet Nam X GB United Kingdom X MWMalawi X YU Yugoslavia X GC Georgia X MX Mexico X ZA South Africa X GE Georgia X MZ Mozambique X ZM Zambia X GH Ghana X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □ □ □								
X EC Ecuador X MG Madagascar X EE Estonia X MK The former Yugoslav Republic of MS UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Viet Nam X GB United Kingdom X MWMalawi X YU Yugoslavia X GD Grenada X MX Mexico X ZA South Africa X GE Georgia X MZ Mozambique X ZM Zambia X GH Ghana X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □ □								
X EE Estonia X MK The former Yugoslav Republic of X UZ Uzbekistan X ES Spain Macedonia X VC Saint Vincent and the Grenadines X FI Finland X MN Mongolia X VN Vict Nam X GB United Kingdom X MWMalawi X YU Yugoslavia X GD Grenada X MX Mexico X ZA South Africa X GE Georgia X MZ Mozambique X ZM Zambia X GH Ghana X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □ □ □ □								S United States of America
★ ES Spain Macedonia ★ VC Saint Vincent and the Grenadines ★ FI Finland ★ MN Mongolia ★ VN Vict Nam ★ GB United Kingdom ★ MWMalawi ★ YU Yugoslavia ★ GD Grenada ★ MX Mexico ★ ZA South Africa ★ GE Georgia ★ MZ Mozambique ★ ZM Zambia ★ GH Ghana ★ NO Norway ★ ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □								
X FI Finland X MN Mongolia X VN Vict Nam X GB United Kingdom X MWMalawi X YU Yugoslavia X GD Grenada X MX Mexico X ZA South Africa X GE Georgia X MZ Mozambique X ZM Zambia X GH Ghana X NO Norway X ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:								
☒ GB United Kingdom ☒ MWMalawi ☒ YU Yugoslavia ☒ GD Grenada ☒ MX Mexico ☒ ZA South Africa ☒ GE Georgia ☒ MZ Mozambique ☒ ZM Zambia ☒ GH Ghana ☒ NO Norway ☒ ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: ☐ ☐ ☐ ☐ ☐ ☐ ☐								
☑ GD Grenada ☑ MX Mexico ☑ ZA South Africa ☑ GE Georgia ☑ MZ Mozambique ☑ ZM Zambia ☑ GH Ghana ☑ NO Norway ☑ ZW Zimbabwe Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: □ □ □ □ □ □								
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐								
Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:								
	لقيا	GH	Ghai	na	ALIN	O Norway	K Z	W Zimbabwe
	Ch	eck-b	oxes	s below reserved for designating S	tates	which have become party to the PCT a	fter is:	suance of this sheet:
				· ·				
	Pr							

other designations which would be permitted under the PCT except any designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

		2
Sheet	No	.3

Box No. VI PRIORITY CLAIM						
The priority of the followin	g earlier application(s) is here	eby claimed:				
Filing date	Number	1	Where earlier application	is:		
of earlier application of earlier app (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) March 2002 (07/03/02)	0205378.3	United Kingdom (GB)				
item (2)				·		
item (3)						
item (4)						
item (5)						
Further priority claims	s are indicated in the Supplem	nental Box.	<u> </u>	I		
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as: all items item (1) item (2) item (3) item (4) item (5) other, see Supplemental Box * Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):						
Box No. VII INTERNA	TIONAL SEARCHING AU	THORITY		***************************************		
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA / EP Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): Date (day/month/year) Number Country (or regional Office)						
Box No. VIII DECLARA	ATIONS					
	is are contained in Boxes Nos icate in the right column the nu			Number of declarations		
Box No. VIII (i) Declaration as to the identity of the inventor :						
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :						
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :					
Box No. VIII (iv)	Declaration of inventorsh United States of America	nip (only for the purposes o	of the designation of the	:		
Box No. VIII (v)	Declaration as to non-pre	judicial disclosures or exc	eptions to lack of novelty	y :		

		1	
Sheet	Nο	7	

BOX NO. IX CHECK LIST; LANGUAGE OF FILING						
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items				
request (including	1. Tee calculation sheet	:				
declaration sheets) : 4	2. Original separate power of attorney	:				
description (excluding sequence listings and/or	3. original general power of attorney	: .				
tables related thereto) : 29	4. Copy of general power of attorney; reference number,					
claims : 3	if any:					
abstract : 1	5. statement explaining lack of signature	•				
drawings : 6	6. priority document(s) identified in Box No. VI as item(s):	:				
Sub-total number of sheets: 43 sequence listings:	7. translation of international application into (language):					
tables related thereto : (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material	:				
sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)					
computer readable form; see (c) below)	 (i) copy submitted for the purposes of international search and Rule 13ter only (and not as part of the international appl) 	inder				
Total number of sheets : 43	(ii) [] (only where check-box (b)(i) or (c)(i) is marked in left column	nn)				
(b) only in computer readable form (Section 801(a)(i))	additional copies including, where applicable, the copy purposes of international search under Rule 13ter	:				
(i) sequence listings	 (iii) together with relevant statement as to the identity of the copies with the sequence listings mentioned in left colur 	nn :				
(ii) tables related thereto (c) also in computer readable form	10. tables in computer readable form related to sequence listing (indicate type and number of carriers)	S				
(Section 801(a)(ii)) (i) ☐ sequence listings	(i) copy submitted for the purposes of international search (Section 802(b-quater) only (and not as part of the intern	under ational				
(ii) tables related thereto	application)	:				
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column additional copies including, where applicable, the copy purposes of international search under Section 802(b-qu	for the				
sequence listings:	(iii) I together with relevant statement as to the identity of the					
tables related thereto:	copies with the tables mentioned in left column	; ,				
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)						
Figure of the drawings which should accompany the abstract: Language of filing of the international application: English						
Box No. X SIGNATURE OF APPLICAN Next to each signature, indicate the name of the person sig	T, AGENT OR COMMON REPRESENTATIVE ming and the capacity in which the person signs (if such capacity is not obvious from	reading the request).				
Uames PEEL Professional Representative of Barker Brettell						
	For receiving Office use only					
Date of actual receipt of the purported international application:	2.	Drawings:				
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:						
4. Date of timely receipt of the required corrections under PCT Article 11(2):						
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid					
	For International Bureau use only	· · · · · · · · · · · · · · · · · · ·				
Date of receipt of the record copy by the International Bureau:						